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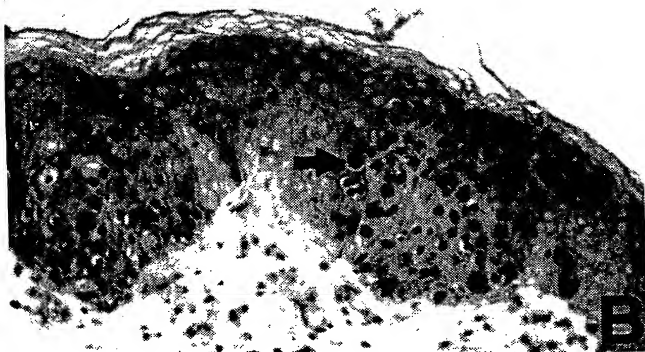
FIGURE 1A



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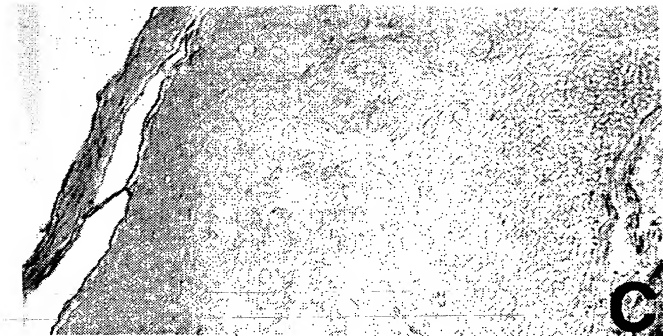
FIGURE 1B



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FIGURE 1C



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FIGURE 2A



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A

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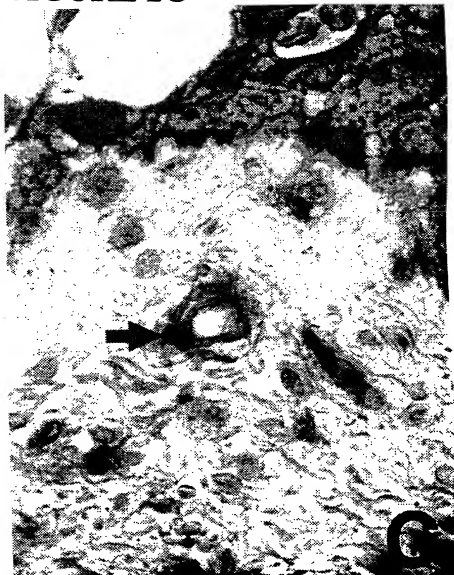
FIGURE 2B



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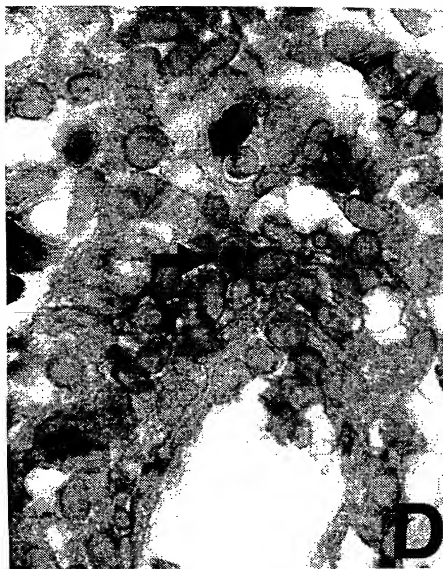
FIGURE 2C



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FIGURE 2D



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FIGURE 3A



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FIGURE 3B



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FIGURE 3C



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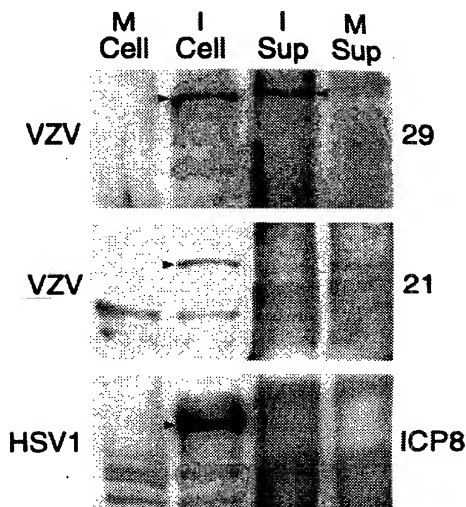
FIGURE 3D



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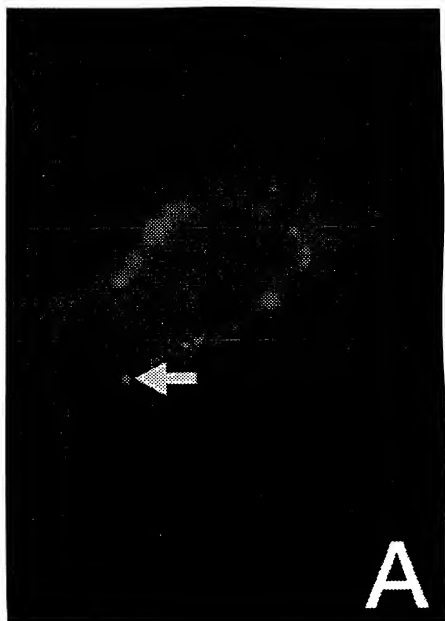
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FIGURE 4



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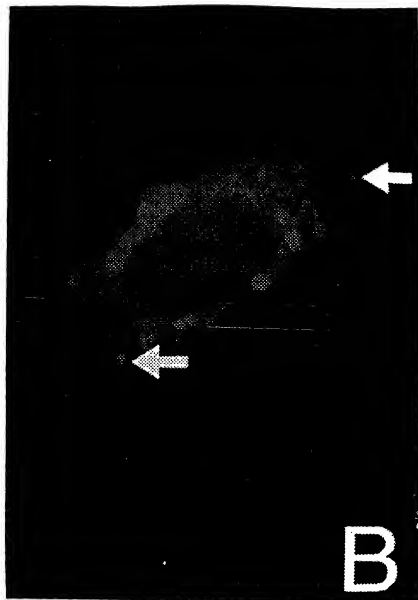
FIGURE 5A



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FIGURE 5B

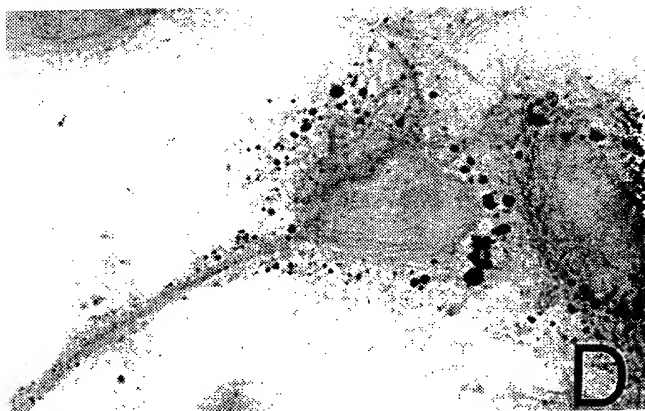


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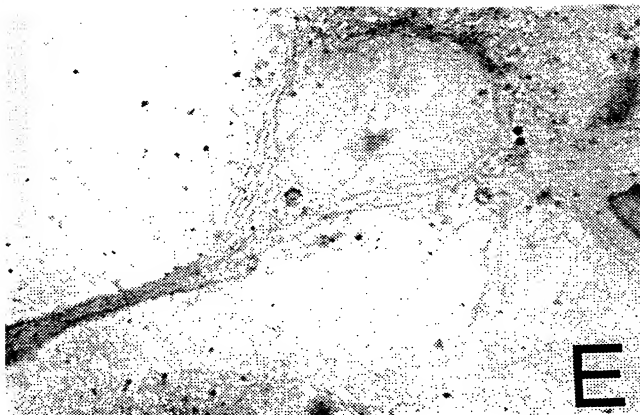
FIGURE 5D



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FIGURE 5E



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FIGURE 6-1

5'	ATG	GAA	AAT	ACT	CAG	AAG	ACT	GTG	ACA	27	GTG	CCC	ACG	GGG	CCC	CTG	GGT	TAC	GTT	54
	M	E	N	T	Q	K	T	V	T	V	P	T	G	P	L	G	Y	V		
63	TAT	GCG	TGC	CGG	GTT	GAA	GAT	TTG	GAT	81	CTG	GAG	GAA	ATT	TCA	TTT	TTG	GCC	GCT	108
	Y	A	C	R	V	E	D	L	D	L	E	E	I	S	F	L	A	A		
117	CGT	AGC	ACG	GAC	TCT	GAT	TTG	GCT	TTA	135	TTA	CCT	TTG	ATG	CGT	AAT	TTG	ACC	GTG	162
	R	S	T	D	S	D	L	A	L	L	P	L	M	R	N	L	T	V		
171	GAA	AAA	ACT	TTT	ACA	TCC	AGC	CTG	GCG	189	GTG	GTT	TCT	GGA	GCA	CGC	ACT	ACG	GGT	216
	E	K	T	F	T	S	S	L	A	V	V	S	G	A	R	T	T	G		
225	CTT	GCC	GGA	GCT	GGT	ATT	ACC	TTA	AAA	243	CTC	ACT	ACC	AGT	CAT	TTT	TAT	CCA	TCT	270
	L	A	G	A	G	I	T	L	K	L	T	T	S	H	F	Y	P	S		
279	GTC	TTT	GTC	TTT	CAC	GGA	GGC	AAA	CAC	297	GTT	TTA	CCC	AGC	TCC	GCG	GCC	CCA	AAT	324
	V	F	V	F	H	G	G	K	H	V	L	P	S	S	A	A	P	N		

FIGURE 6-2

333	342	351	360	369	378
CTC ACA CGC	CGG TGT AAC	CGG GCT CGA	GAA CGG TTT	GGG TTT TCA	CGC TGC CAA
L T R A C N A A R E R F G F S R C Q					
387	396	405	414	423	432
GGG CCT CCT	GTT GAC GGT GCT GTT GAG	ACG ACC GGC	GCT GAG ATA	TGC ACC	CGC
G P P V D G A V E T T G A E I C T R					
441	450	459	468	477	486
CTT GGA TTA	GAG CCA GAA AAT ACA ATA	TTA TAC TTG	GTG GTC ACG	GCA TTG	TTT
L G L E P E N T I L Y L V V T A L F					
495	504	513	522	531	540
AAG GAA GCC	GTA TTT ATG TGC AAC GTG	TTT CTG CAT	TAT GGA GGA	CTC GAT	ATT
K E A V F M C N V F L H Y G G L D I					
549	558	567	576	585	594
GTT CAT ATT	AAC CAT GGG GAT GTT ATA	CGT ATA	CCG TTA	TTT CCG GTA	CAA CTT
V H I N H G D V I R I P L F P V Q L					
603	612	621	630	639	648
TTT ATG CCG	GAT GTT AAC	CGT CTG GTA	CCC GAC CCA	TTT AAC ACT	CAT CAC AGG
F M P D V N R L V P D P F N T H H R					

FIGURE 6-3 657

666	675	684	693	702
TCT ATC CGA	GAG GGT TTT GTA TAC CCA ACA CCC TTT TAT AAC ACC	GGC TTG TGC		
S I G E G F V Y P T P F Y N T G L C				
711	720	729	738	747
CAT TTA ATA CAT	GAC TGT GTT ATT GCT CCC ATG GCC GTT GGC TTG CGC GTC AGA			
H L I H D C V I A P M A V A L R V R				
765	774	783	792	801
AAT GTA ACT GCC GTC GCC CGA GGA GCG GCC CAC CTT GCT TTT GAT GAA AAT CAC				
N V T A V A R G A A H L A F D E N H				
819	828	837	846	855
GAG GGG GGA GTA CTC CCC CCT GAC ATT ACG TAC ACG TAT TTT CAG TCC TCT TCA				
E G A V L P P D I T Y T Y F Q S S S				
873	882	891	900	909
AGT GGA ACC ACT ACC GCC CGT GGA GCG CGT CGA AAC GAT GTC AAC TCC ACG TCT				
S G T T T A R G A R R N D V N S T S				
927	936	945	954	963
AAG CCT AGC CCA TCG GGG GGG TTT GAA AGA CGG TTG GCG TCT ATT ATG GCC GCT				
K P S P S G G G F E R R L A S I M A A				

FIGURE 6-4

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981	990	999	1008	1017	1026
GAC ACA GCC TTG CAC GAA GTT ATA TTC AAC ACT GGA ATT TAC GAA GAA ACT					
D T A L H A E V I F N T G I Y E E T					
1035	1044	1053	1062	1071	1080
CCA ACA GAT ATC AAA GAA TGG CCA ATG TTT ATA GGC ATG GAG GGC ACT TTG CCA					
P T D I K E W P M F I G M E G T L P					
1089	1098	1107	1116	1125	1134
AGG CTA AAC GCT CTG GGG TCA TAT ACC GCT CGT GTG GCC GGG GTC ATT GGT GCG					
R L N A L G S Y T A R V A G V I G A					
1143	1152	1161	1170	1179	1188
ATG GTT TTC AGC CCA AAT TCT GCG TTG TAT CTA ACT GAG GTG GAG GAT AGC GGS					
M V F S P N S A L Y L T E V E D S G					
1197	1206	1215	1224	1233	1242
ATG ACC GAA GCC AAG GAT GGG GGA CCG GGT CCA TCA TTT AAT CGA TTT TAC CAG					
M T E A K D G G P G P S F N R F Y Q					
1251	1260	1269	1278	1287	1296
TTT GCC GGA CCT CAT TTA GCT GCG AAT CCC CAA ACA GAT CCA GAT GGC CAC GTT					
F A G P H L A A N P Q T D R D G H V					
1305	1314	1323	1332	1341	1350
CTA TCC AGT CAG TCT ACG GGT TCA AAC ACA GAG TTT ACC GTG GAT TAT TTG					
L S S Q S T G S S N T E F S V D Y L					

FIGURE 6-6

1737	1746	1755	1764	1773	1782
ACA CTA GAA	CGC TTG TTT	ATC GAT CTA	GAA CAA GAG	CGA CTA CTG	GAT CGC GGT
T L E R	L F I D	L E Q E	R L L D	R R G	
1791	1800	1809	1818	1827	1836
GCC CCA TGT	TCT TCC GAG	GGA CTA TCG	TCT GTC ATT	GTG GAT CAT	CCA ACG TTT
A P C S	S E G L	S S V I	V D H P	T T F	
1845	1854	1863	1872	1881	1890
CGT CGC ATA	TTA GAC ACA	CTG CGT GCG	CGT ATA GAA	CAG ACA ACA	CAA TTT
R R I L	D T L R	A R I E	Q T T Q	F F	
1899	1908	1917	1926	1935	1944
ATG AAA GTG	TTG GTT GAG	ACC CGC GAT	TAT AAG ATC	CGT GAA GGA	TTA TCC GAA
M K V L	V E T R	D Y K I	R E G L	S E	
1953	1962	1971	1980	1989	1998
GCC ACC CAT	TCA ATG GCG	TTA ACG TTT	GAT CCA TAC	TCA GCA GCA	TTT TGT CCC
A T H S	M A L T	F D P Y	S G A F	C P	
2007	2016	2025	2034	2043	2052
ATT ACC AAT	TTT TTA GTT	AAA CGA ACA	CAC CTA GCC	GTG GTA CAA	GAC TTA GCA
I T N F	L V K R	T H L A	V V Q D	L A	

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FIGURE 6-7

2061	2070	2079	2088	2097	2106
TTA AGC CAA TGT CAT TGT GTA TTT TAC GGA CAG CAA GTT GAG GGG CGG AAC TTT					
L S Q C C H C V F Y G Q Q V E G R N F					
2115	2124	2133	2142	2151	2160
CGT AAC CAA TTC CAA CCT GTT TTG CGG CGG CGT TTT GTT GAC CTG TTT AAT GCG					
R N Q F Q P V L R R R F V D L F N G					
2169	2178	2187	2196	2205	2214
GCG TTT ATA TCA ACA CGC TCT ATA ACC GTA ACA TTA TCT GAA GGT CCT GTA TCC					
G F I S T R S I T V T L S E G P V S					
2223	2232	2241	2250	2259	2268
GCC CCA AAT CCG ACA TTG GGA CAA GAC GCG CCC GCG GGG CGT ACC TTT GAT GGG					
A P N P T L G Q D A F A G R T F D G					
2277	2286	2295	2304	2313	2322
GAT TTA GCG CGC GTA AGC GTG GAA GTT AAT CCG GAT ATA CCA GTT AAA AAT AGG					
D L A R V S V E V I R D I R V K N R					
2331	2340	2349	2358	2367	2376
GTC GTT TTT TCA GGT AAC TGT ACA AAT CTC TCT GAG GCA GCC CGG GCA AGG CTT					
V V F S S G N C T N L S E A A R A R L					
2385	2394	2403	2412	2421	2430
GTA GGC CTT GCA AGT GCG TAC CAA GCG CAA GAA AAA AGA GTG GAT ATG TTA CAC					
V G L A S A Y Q R Q E K R V D M L H					

FIGURE 6-8

2439	GGG	CCC	CTA	GGG	TTT	TTG	2448	CYT	AAA	CAG	2457	TTT	CAC	GGC	CTG	TTA	TTT	CCT	CGG	GGT	2484
	G	A	L	G	F	L		L	K	Q		F	H	G	L	L	F	P	R	G	
2493	ATG	CCA	CCA	AAC	AGT	AAA	2502	TCC	CCC	AAC	2511	CCG	CAG	TGG	TTT	TGG	ACC	CTG	TTA	CAA	2538
	M	P	P	N	S	K		S	P	N		P	Q	W	F	W	T	L	L	Q	
2547	CGC	AAC	CAG	ATG	CCG	GCA	2556	GAT	AAA	CTT	2565	ACA	CAC	GAA	GAG	ATT	ACC	ACT	ATT	GCA	2592
	R	N	Q	M	P	A		D	K	L		T	H	E	E	I	T	T	I	A	
2601	GCT	GTT	AAA	CGG	TTT	ACC	2610	GAG	GAA	TAT	2619	GCA	GCA	ATA	AAC	TTT	ATT	AAT	CTA	CCC	2646
	A	V	K	R	F	T		E	E	Y		A	A	I	N	F	I	N	L	P	
2655	CCA	ACC	TGC	ATA	GCA	GAA	2664	TTA	GCC	CAG	2673	TTT	TAT	ATG	GCA	AAT	CYT	ATT	CTT	AAA	2700
	P	T	C	I	G	E		L	A	Q		F	Y	M	A	N	L	I	L	K	
2709	TAC	TGC	GAT	CAT	TCA	CAG	2718	TAC	CTT	ATA	2727	AAT	ACC	TTA	ACT	TCT	ATA	ATT	ACG	GGT	2754
	Y	C	D	H	S	Q		Y	L	I		N	T	L	T	S	I	I	T	G	

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FIGURE 6-9

2763	2772	2781	2790	2799	2808
GCC AGG CGC	CCG GAC CCA TCA TCC GTT TTG CAT TGG ATT CGT AAA GAT GTC				
A R R P R D P S S V L H W I R K D V					
2817	2826	2835	2844	2853	2862
ACG TCC GCC GCG GAC ATA GAA ACC CAA GCA AAG GCG CTT GAA AAA ACG GAA					
T S A A D I E T Q A K A L L E K T E					
2871	2880	2889	2898	2907	2916
AAC TTA CCG GAA TTA TGG ACT ACG GCT TTT ACT TCA ACT CAT TTA GTC CGC GCG					
N L P E L W T T A F T S T H L V R A					
2925	2934	2943	2952	2961	2970
GCC ATG AAT CAA CGT CCC ATG GTC GTT TTA GGA ATA AGC ATT AGT AAA TAT CAC					
A M N Q R P M V V L G I S I S K Y H					
2979	2988	2997	3006	3015	3024
GGA GCG GCA GGA AAC AAC CGC GTC TTT CAG GCA GGG AAT TGG AGC GGT TTA AAC					
G A A G N N R V F Q A G N W S G L N					
3033	3042	3051	3060	3069	3078
GCG GGT AAA AAT GTA TGC CCG CTA TTT ACA TTT GAT CGC ACT CGC CGT TTT ATA					
G G K N V C P L F T F D R T R R F I					
3087	3096	3105	3114	3123	3132
ATA GCA TGT CCT AGA GGA GGT TTT ATC TGC CCC GTA ACA GGT CCC TCG TCG GGA					
I A C P R G G F I C P V T G P S S G					

FIGURE 6-10

3141	AAT CGA GAA ACC ACC CTA TCC GAC CAA GTT CGC GGT ATA ATT GTC AGT GGC GGG	3150	3159	3168	3177	3186
N R E T T L S D Q V R G I I V S G G						
3195	GCC ATG GTT CAA TTA GCC ATA TAC GCC ACG GTT GTG CGT GCA GTG GGC GCT CGA	3204	3213	3222	3231	3240
A M V Q L A I Y A T V V R A V G A R						
3249	GCA CAA CAT ATG GCA TTT GAC GAC TGG TTA AGT CTT ACA GAC GAT GAG TTT TTA	3258	3267	3276	3285	3294
A Q H M A F D D W L S L T D D E F L						
3303	GCC AGA GAC TTG GAG GAG TTA CAC GAC CAG ATT ATC CAA ACC CTG GAA ACG CCC	3312	3321	3330	3339	3348
A R D L E E L H D Q I I Q T L E T P						
3357	TGG ACC GTA GAA GGC GCT CTA GAA GCA GTA AAG ATT CTA GAT GAA AAA ACG ACA	3366	3375	3384	3393	3402
W T V E G A L E A V K I L D E K T T						
3411	GCG GGA GAT GGG GAA ACC CCC ACA AAC CTA GCA TTT AAT TTT GAT TCT TGT GAA	3420	3429	3438	3447	3456
A G D G E T P T N L A F N F D S C E						

FIGURE 6-11

3465	3474	3483	3492	3501	3510
CCA AGC CAT GAC ACC ACA TCT AAC GTA TTA AAC ATT TCA GGG TCA AAC ATT TCA					
P S H D T T S N V L N I S G S N I S					
3519	3528	3537	3546	3555	3564
GGG TCA ACT GTC CCT GGT CTT AAA CGA CCC CCC GAA GAT GAC GAA CTC TTT GAT					
G S T V P G L K R P P E D D E L F D					
3573	3582	3591	3600	3609	
CYT AGT GGT ATT CCC ATA AAA CAT GGG AAC ATT ACA ATG GAA ATG A 3'					
L S G I P I K H G N I T M E M					